



June 2008

DEPARTMENT OF EDUCATION
2007–2008 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State standards known as *Learning Results*, adopted by the Maine Legislature in 1997. These *Learning Results* established goals for what all students should know and be able to do at certain times in their school careers and are the basis for Grade Level/Span Expectations, which describe the assessment standards for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind Act*.

The 2007-2008 MEA summary reports contain the results of student achievement in reading and mathematics at all grades, science and technology at grades 4 and 8, and writing at grade 5 based on achievement standards set in 2006 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. The grade 5 writing reports provide information on a student's ability to respond to a prompt measuring narrative writing. More information about the design of the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the Maine Educational Assessment.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 7

Test Date: March 2008
Code: 12251591
SAU: MSAD 31
School: Hichborn Middle School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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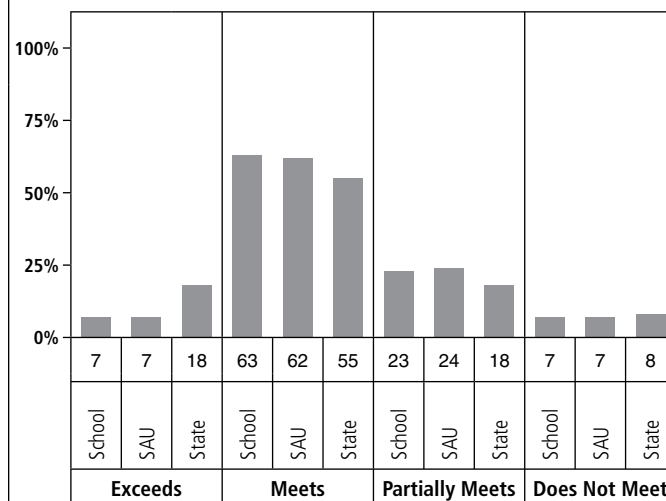
SUMMARY OF SCORES

Test Date: March 2008
Grade: 7
SAU: MSAD 31
School: Highborn Middle School

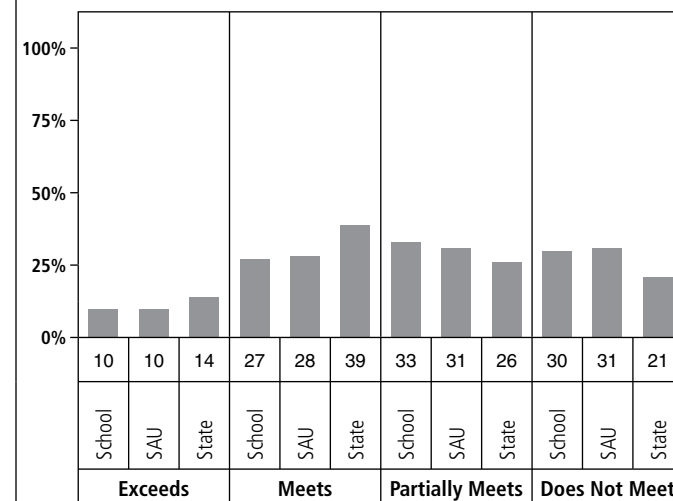
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2005–2006	745	745	745
2006–2007	746	746	748
2007–2008	748	748	750
Cum. Avg. *	746	746	748
Mathematics			
2005–2006	740	740	740
2006–2007	736	736	742
2007–2008	738	738	743
Cum. Avg. *	738	738	742

ELA – READING



MATHEMATICS



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2008
 Grade: 7
 SAU: MSAD 31
 School: Hichborn Middle School

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																							
							ELA-Reading						Mathematics																	
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	31	100	30	100	14818	100	31	100	30	100	14698	99	31	100	30	100	14694	99												
Ethnicity African American/Black	0	0	0	0	381	3	0	0	0	0	372	98	0	0	0	0	375	99												
American Indian or Native Alaskan	0	0	0	0	113	1	0	0	0	0	112	99	0	0	0	0	112	99												
Asian or Pacific Islander	1	3	1	3	219	1	1	100	1	100	213	97	1	100	1	100	217	99												
Hispanic	0	0	0	0	178	1	0	0	0	0	176	99	0	0	0	0	177	100												
Caucasian/White	30	97	29	97	13927	94	30	100	29	100	13825	99	30	100	29	100	13813	99												
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Identified disability	7	23	7	23	2556	17	7	100	7	100	2508	99	7	100	7	100	2497	98												
Current LEP	0	0	0	0	363	2	0	0	0	0	352	97	0	0	0	0	360	99												
Economically disadvantaged	19	61	19	63	5461	37	19	100	19	100	5408	99	19	100	19	100	5406	99												
Migrant	0	0	0	0	1	0	0	0	0	0	1	100	0	0	0	0	1	100												

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics																	
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	22	71	21	70	12195	82	22	71	21	70	12215	82												
Identified disability (PET/IEP)	0	0	0	0	418	3	0	0	0	0	421	3												
LEP	0	0	0	0	183	2	0	0	0	0	183	1												
504 plan	1	5	1	5	181	1	1	5	1	5	182	1												
Participation with accommodations	8	26	8	27	2320	16	8	26	8	27	2303	16												
Identified disability (PET/IEP)	6	75	6	75	1912	82	6	75	6	75	1900	83												
LEP	0	0	0	0	159	7	0	0	0	0	173	8												
504 plan	1	13	1	13	56	2	1	13	1	13	55	2												
Other	1	13	1	13	244	11	1	13	1	13	226	10												
Participation through alternate assessment (PAAP)	1	3	1	3	178	1	1	3	1	3	176	1												
Identified disability (PET/IEP)	1	100	1	100	178	100	1	100	1	100	176	100												
LEP	0	0	0	0	5	3	0	0	0	0	4	2												
504 plan	0	0	0	0	0	0	0	0	0	0	0	0												
Approved non-participation in reading – 1st year LEP	0	0	0	0	5	0																		
Approved non-participation – special consideration	0	0	0	0	27	0	0	0	0	0	28	0												
Non-participation – other	0	0	0	0	93	1	0	0	0	0	96	1												

1 Percents are the percentage of students enrolled in each participation category.

2 Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

3 Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2008
Grade: 7
SAU: MSAD 31
School: Hichborn Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (scaled score 761–780)	2005-2006	2	5	2	5	1769	11
	2006-2007	7	13	7	13	2630	18
	2007-2008	2	7	2	7	2604	18
	Cum. Total*	11	8	11	9	7003	16
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (scaled score 741–760)	2005-2006	29	66	29	66	7521	49
	2006-2007	25	45	24	45	7605	51
	2007-2008	19	63	18	62	8049	55
	Cum. Total*	73	56	71	56	23175	52
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (scaled score 729–740)	2005-2006	8	18	8	18	3773	24
	2006-2007	16	29	15	28	3000	20
	2007-2008	7	23	7	24	2672	18
	Cum. Total*	31	24	30	24	9445	21
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (scaled score 700–728)	2005-2006	5	11	5	11	2399	16
	2006-2007	8	14	7	13	1620	11
	2007-2008	2	7	2	7	1190	8
	Cum. Total*	15	12	14	11	5209	12

Learning Results Content Standard Cluster	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Total Reading Cluster	56	100	34.6	61.8	34.6	61.8	35.3	63.0
Literary Text	28	50	16.5	58.9	16.5	58.9	17.3	61.8
Informational Text	28	50	18.1	64.6	18.1	64.6	18.0	64.3

The Maine *Learning Results* reading cluster includes Content Standards A (Process of Reading), B (Literature and Culture), and D (Informational Texts). The MEA assesses students’ reading skills based on questions related to two types of reading passages: literary and informational. Passages include both long and short texts, selected from developmentally appropriate works. Items on the MEA measure Grade Level Expectations, based on Maine’s 1997 *Learning Results*, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.



ELA-READING RESULTS

(CONTINUED)

Test Date: March 2008
 Grade: 7
 SAU: MSAD 31
 School: Highborn Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	30	2	7	19	63	7	23	2	7	748	29	7	62	24	7	748	14515	18	55	18	8	750
Ethnicity																						
African American/Black	0										0						365	10	49	19	22	742
American Indian or Native Alaskan	0										0						110	6	52	24	18	744
Asian or Pacific Islander	1										1						211	26	47	20	6	752
Hispanic	0										0						173	12	54	18	15	746
Caucasian/White	29	2	7	18	62	7	24	2	7	748	28	7	61	25	7	748	13656	18	56	18	8	750
Not Reported	0										0						0					
Identified disability																						
Yes	6	0	0	1	17	3	50	2	33	732	6	0	17	50	33	732	2330	2	30	36	32	735
No	24	2	8	18	75	4	17	0	0	753	23	9	74	17	0	753	12185	21	60	15	4	753
Current LEP																						
Yes	0										0						342	8	46	22	24	741
No	30	2	7	19	63	7	23	2	7	748	29	7	62	24	7	748	14173	18	56	18	8	750
Economically disadvantaged																						
Yes	18	1	6	10	56	6	33	1	6	748	18	6	56	33	6	748	5299	9	51	26	14	745
No	12	1	8	9	75	1	8	1	8	749	11	9	73	9	9	749	9216	23	58	14	5	753
Migrant																						
Yes	0										0						1					
No	30	2	7	19	63	7	23	2	7	748	29	7	62	24	7	748	14514	18	55	18	8	750
Gender																						
Female	15	2	13	10	67	2	13	1	7	751	15	13	67	13	7	751	7084	24	55	15	6	752
Male	15	0	0	9	60	5	33	1	7	746	14	0	57	36	7	746	7431	12	56	21	11	747
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						946	6	47	34	12	743
No	30	2	7	19	63	7	23	2	7	748	29	7	62	24	7	748	13569	19	56	17	8	750
Gifted/talented program																						
Yes	0										0						574	61	38	1	0	765
No	30	2	7	19	63	7	23	2	7	748	29	7	62	24	7	748	13941	16	56	19	9	749

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA–READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2008

Grade: 7

SAU: MSAD 31

School: Hichborn Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	10	0	0	2	67	0	0	1	33	743	10	0	67	0	33	743	6	9	42	24	25	741
B. less than one hour	63	1	5	12	63	5	26	1	5	748	62	6	61	28	6	748	50	17	56	19	8	750
C. one to two hours	27	1	13	5	63	2	25	0	0	751	28	13	63	25	0	751	40	20	58	16	6	752
D. more than two hours	0										0						4	19	49	21	11	749
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	47	2	14	11	79	1	7	0	0	755	48	14	79	7	0	755	36	24	58	14	5	753
B. They match some of what I have learned.	43	0	0	7	54	5	38	1	8	744	41	0	50	42	8	743	50	16	58	19	8	749
C. They match just a little of what I have learned.	10	0	0	1	33	1	33	1	33	737	10	0	33	33	33	737	11	13	45	26	16	745
D. There is no match.	0										0						3	4	35	29	31	737
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	20	0	0	4	67	0	0	2	33	741	21	0	67	0	33	741	28	35	52	9	5	756
B. good	63	2	11	11	58	6	32	0	0	750	66	11	58	32	0	750	52	15	60	18	7	750
C. fair	17	0	0	4	80	1	20	0	0	750	14	0	75	25	0	751	18	3	49	33	15	742
D. poor	0										0						2	2	41	28	29	738
How difficult was the reading part of this test?																						
A. harder than my regular schoolwork	17	0	0	3	60	1	20	1	20	742	14	0	50	25	25	740	16	13	48	23	16	745
B. about the same as my regular schoolwork	70	2	10	13	62	5	24	1	5	750	72	10	62	24	5	750	65	18	57	18	7	750
C. easier than my regular schoolwork	13	0	0	3	75	1	25	0	0	749	14	0	75	25	0	749	19	21	57	16	6	752
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	10	0	0	1	33	0	0	2	67	729	10	0	33	0	67	729	9	5	38	29	28	738
B. Most of the passages were about the same as what I normally read.	67	2	10	12	60	6	30	0	0	751	66	11	58	32	0	751	55	14	57	22	7	748
C. Most of the passages were easier than what I normally read.	23	0	0	6	86	1	14	0	0	751	24	0	86	14	0	751	36	28	58	10	4	755
How hard did you try on the reading part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	50	1	7	10	67	3	20	1	7	750	48	7	64	21	7	750	44	18	56	18	8	750
B. I tried about the same as I do on my regular schoolwork.	50	1	7	9	60	4	27	1	7	747	52	7	60	27	7	747	51	19	56	17	7	751
C. I did not try as hard on this test as I do on my regular schoolwork.	0										0						5	9	46	26	19	743
How much time do you spend reading at home each day?																						
A. more than one hour	7	0	0	1	50	1	50	0	0	746	7	0	50	50	0	746	17	25	57	13	6	753
B. 20 minutes to an hour	53	1	6	9	56	5	31	1	6	747	55	6	56	31	6	747	45	22	56	16	6	752
C. less than 20 minutes	13	0	0	4	100	0	0	0	0	754	14	0	100	0	0	754	13	14	56	21	9	748
D. I rarely read at home.	27	1	13	5	63	1	13	1	13	749	24	14	57	14	14	749	24	8	53	26	13	745
Optional school/SAU question																						
A.	100	0	0	0	0	1	100	0	0	732	100	0	0	100	0	732						
B.	0										0											
C.	0										0											
D.	0										0											

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

N = Number

MATHEMATICS RESULTS

Test Date: March 2008
Grade: 7
SAU: MSAD 31
School: Hichborn Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (scaled score 761–780)	2005-2006	0	0	0	0	1646	11
	2006-2007	3	5	3	6	2142	14
	2007-2008	3	10	3	10	2028	14
	Cum. Total*	6	5	6	5	5816	13
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (scaled score 741–760)	2005-2006	24	55	22	50	5497	36
	2006-2007	18	32	18	34	5642	38
	2007-2008	8	27	8	28	5703	39
	Cum. Total*	50	38	48	38	16842	38
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (scaled score 727–740)	2005-2006	14	32	16	36	4514	29
	2006-2007	20	36	19	36	4077	27
	2007-2008	10	33	9	31	3733	26
	Cum. Total*	44	34	44	35	12324	27
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (scaled score 700–726)	2005-2006	6	14	6	14	3797	25
	2006-2007	15	27	13	25	3001	20
	2007-2008	9	30	9	31	3054	21
	Cum. Total*	30	23	28	22	9852	22

Learning Results Content Standard Clusters	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Cluster 1: Numbers and Operations	16	29	8.4	52.5	8.4	52.5	8.8	55.0
Cluster 2: Shape and Size	14	25	4.8	34.3	4.7	33.6	5.5	39.3
Cluster 3: Mathematical Decision Making	8	14	2.8	35.0	2.7	33.8	3.5	43.8
Cluster 4: Patterns	18	32	6.1	33.9	6.1	33.9	7.9	43.9

- Cluster 1: Numbers and Operations**
A. Numbers and Number Sense
B. Computation
I. Discrete Mathematics (grades 3 and 4 only)
- Cluster 2: Shape and Size**
E. Geometry
F. Measurement
- Cluster 3: Mathematical Decision Making**
C. Data Analysis and Statistics
D. Probability
- Cluster 4: Patterns**
G. Patterns, Relations, and Functions
H. Algebra Concepts
K. Mathematical Communication

Each content standard in the clusters above is defined in Maine’s 1997 *Learning Results*, which are the basis for Grade Level Expectations. Each item on the MEA measures a grade level expectation, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.

MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2008

Grade: 7

SAU: MSAD 31

School: Hichborn Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	30	3	10	8	27	10	33	9	30	738	29	10	28	31	31	738	14518	14	39	26	21	743
Ethnicity																						
African American/Black	0										0						372	5	24	25	45	731
American Indian or Native Alaskan	0										0						110	5	30	36	29	736
Asian or Pacific Islander	1										1						216	25	34	23	18	748
Hispanic	0										0						175	9	32	30	29	737
Caucasian/White	29	3	10	8	28	9	31	9	31	738	28	11	29	29	32	738	13645	14	40	26	20	743
Not Reported	0										0						0					
Identified disability																						
Yes	6	0	0	0	0	1	17	5	83	721	6	0	0	17	83	721	2321	2	16	26	55	727
No	24	3	13	8	33	9	38	4	17	742	23	13	35	35	17	742	12197	16	44	26	15	746
Current LEP																						
Yes	0										0						356	7	23	24	45	731
No	30	3	10	8	27	10	33	9	30	738	29	10	28	31	31	738	14162	14	40	26	20	743
Economically disadvantaged																						
Yes	18	1	6	4	22	8	44	5	28	735	18	6	22	44	28	735	5301	5	31	31	33	736
No	12	2	17	4	33	2	17	4	33	742	11	18	36	9	36	742	9217	19	44	23	14	747
Migrant																						
Yes	0										0						1					
No	30	3	10	8	27	10	33	9	30	738	29	10	28	31	31	738	14517	14	39	26	21	743
Gender																						
Female	15	2	13	5	33	3	20	5	33	738	15	13	33	20	33	738	7086	14	40	26	20	743
Male	15	1	7	3	20	7	47	4	27	737	14	7	21	43	29	737	7432	14	38	25	22	743
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						946	4	23	36	37	733
No	30	3	10	8	27	10	33	9	30	738	29	10	28	31	31	738	13572	15	40	25	20	743
Gifted/talented program																						
Yes	0										0						575	64	31	3	1	765
No	30	3	10	8	27	10	33	9	30	738	29	10	28	31	31	738	13943	12	40	27	22	742

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2008
Grade: 7
SAU: MSAD 31
School: Hichborn Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	10	0	0	2	67	0	0	1	33	742	10	0	67	0	33	742	6	7	29	26	37	734
B. less than one hour	63	2	11	5	26	5	26	7	37	736	62	11	28	22	39	736	50	13	39	26	22	742
C. one to two hours	27	1	13	1	13	5	63	1	13	740	28	13	13	63	13	740	40	15	42	26	17	744
D. more than two hours	0										0						4	16	37	23	24	742
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	20	1	17	1	17	1	17	3	50	737	21	17	17	17	50	737	32	21	40	23	16	747
B. They match some of what I have learned.	43	1	8	4	31	4	31	4	31	736	41	8	33	25	33	736	50	12	42	27	19	743
C. They match just a little of what I have learned.	37	1	9	3	27	5	45	2	18	740	38	9	27	45	18	740	15	7	32	31	30	737
D. There is no match.	0										0						3	4	17	21	58	726
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	13	1	25	1	25	1	25	1	25	744	14	25	25	25	25	744	25	34	42	13	11	753
B. good	53	2	13	5	31	3	19	6	38	738	55	13	31	19	38	738	47	10	45	27	18	743
C. fair	30	0	0	2	22	5	56	2	22	735	28	0	25	50	25	734	23	3	30	36	32	735
D. poor	3	0	0	0	0	1	100	0	0	736	3	0	0	100	0	736	5	1	17	32	49	729
How difficult was the mathematics part of this test?																						
A. harder than my regular schoolwork	37	1	9	1	9	6	55	3	27	736	38	9	9	55	27	736	36	6	38	29	27	738
B. about the same as my regular schoolwork	60	2	11	7	39	3	17	6	33	739	62	11	39	17	33	739	53	13	42	27	18	744
C. easier than my regular schoolwork	3	0	0	0	0	1	100	0	0	740	0						11	40	32	15	13	753
How hard did you try on the mathematics part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	50	2	13	6	40	5	33	2	13	743	48	14	43	29	14	743	46	12	40	27	21	742
B. I tried about the same as I do on my regular schoolwork.	47	1	7	2	14	5	36	6	43	733	48	7	14	36	43	733	49	16	40	25	19	744
C. I did not try as hard on this test as I do on my regular schoolwork.	3	0	0	0	0	0	0	1	100	726	3	0	0	0	100	726	5	10	27	27	36	736
How often do you use laptops in mathematics class?																						
A. almost every day	0										0						9	15	37	25	23	742
B. two or three days a week	7	0	0	0	0	0	0	2	100	713	7	0	0	0	100	713	20	13	41	26	20	743
C. two or three times each month	20	1	17	2	33	2	33	1	17	745	17	20	40	20	20	746	30	15	40	27	18	744
D. never or almost never	73	2	9	6	27	8	36	6	27	738	76	9	27	36	27	738	41	13	39	26	23	742
How often do you use calculators in mathematics class?																						
A. almost every day	23	1	14	1	14	2	29	3	43	738	24	14	14	29	43	738	20	17	39	23	22	744
B. two or three days a week	43	2	15	4	31	4	31	3	23	740	41	17	33	25	25	740	29	16	40	25	19	744
C. two or three times a month	27	0	0	2	25	4	50	2	25	736	28	0	25	50	25	736	26	13	40	28	20	743
D. never or almost never	7	0	0	1	50	0	0	1	50	731	7	0	50	0	50	731	24	10	39	27	24	740
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	13	1	25	1	25	1	25	1	25	743	10	33	33	0	33	744	8	7	32	26	35	736
B. 30–45 minutes	30	1	11	2	22	1	11	5	56	732	31	11	22	11	56	732	41	12	38	27	23	741
C. 45–60 minutes	40	1	8	3	25	5	42	3	25	739	41	8	25	42	25	739	41	17	42	24	16	745
D. more than 60 minutes	17	0	0	2	40	3	60	0	0	741	17	0	40	60	0	741	10	15	38	25	22	743
Optional school/SAU question																						
A.	100	0	0	0	0	0	0	1	100	716	100	0	0	0	100	716						
B.	0										0											
C.	0										0											
D.	0										0											